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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,513	07/11/2003	James Owen	BEAS-01360US1	6597

			EXAMINER
23910	7590	08/24/2004	PARTHASARATHY, PRAMILA

FLIESLER MEYER, LLP
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ART UNIT	PAPER NUMBER
2136	

DATE MAILED: 08/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)
Office Action Summary		10/618,513	OWEN ET AL.
		Examiner	Art Unit
		Pramila Parthasarathy	2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>31 March 2004</u>.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-59</u> is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) <u>1-59</u> is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a)☐ All   b)☐ Some * c)☐ None of:
1.☐ Certified copies of the priority documents have been received.
2.☐ Certified copies of the priority documents have been received in Application No. _____.
3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>03/31/2004</u>.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to the communication filed on 03/31/2004. Claims 1 –

59 were received for consideration. No preliminary amendments were filed. Claims 1 –

59 are currently being considered.

2.   An initialed and dated copy of Applicant's IDS form 1449 is attached to the Office

action.

Claim Rejections - 35 USC § 102

(e) the invention was described in a patent granted on an application for patent by another filed in the
United States before the invention thereof by the applicant for patent, or on an international application
by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this
title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act

of 1999 (AIPA) and the Intellectual Property and High Technology Technical

Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting

directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior

to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3.   Claims 1-59 are rejected under 35 U.S.C. 102(e) as being anticipated by Park et

al. (Publication number US 2004/0024812).

Regarding Claim 1, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), comprising:

providing credential information to each one of said plurality of content

repositories (Page 4 paragraph [0049] ; Page 5 paragraph [0058] and Page 6 paragraph

[0070;])

receiving authorization information from each one of said plurality of content

repositories, wherein the authorization information indicates whether or not an

authorization procedure succeeded (Page 6 paragraphs [0068 – 0070] and Page 21

Claim 1 and 5 and Page 22 Claim 11);

integrating into the VCR each one of said plurality of content repositories whose

authorization information indicates successful authorization; and wherein each one of

said plurality of content repositories exposes a first set of services to enable its

integration into the VCR (Page 5 paragraphs [0055 – 0069] and Page 6 paragraphs

[0066 – 0077]).

Regarding Claim 11, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), comprising:

authorizing each one of said plurality of content repositories (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]);

incorporating each one of said plurality of content repositories into a hierarchical namespace (Page 3 paragraph [0035], [0038] and [0041]);

extending a content model to include content from each one of said plurality of content repositories (Page 3 paragraph [0031], [0035], and [0038]) ; and

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR (Page 4 paragraph [0048]).

Regarding Claim 21, Park teaches and describes a method of organizing content stored in a plurality of content repositories into a virtual content repository namespace wherein said content is represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20 paragraph [0077]), said method comprising:

providing a first identifier that uniquely identifies said at least one node within one of said plurality of content repositories (Page 6 paragraph [0071 – 0077]);

providing a second identifier that uniquely identifies said at least one node within said namespace (Page 3 paragraph [0038 – 0041] and Page 6 paragraph [0071 – 0077]);

wherein the namespace is hierarchical and spans said plurality of content repositories (Page 3 paragraph [0038 – 0041]); and

wherein each one of said plurality of content repositories exposes a set of

services to enable its integration into a virtual content repository (VCR) (Page 5

paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]).

Regarding Claim 30, Park teaches and describes a system comprising:

means for authorizing each one of said plurality of content repositories (Page 5

paragraph [0055 – 0069] and Page 6 paragraph [0066 – 0077]);

means for incorporating each one of said plurality of content repositories into a

hierarchical namespace (Page 3 paragraph [0035], [0038] and [0041]);

means for extending a content model to include content from each one of said

plurality of content repositories (Page 3 paragraph [0031], [0035] and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of

services to enable its integration into the VCR (Page 4 paragraph [0048]).

Regarding Claim 40, Park teaches and describes a machine readable medium

having instructions stored thereon that when executed by a processor cause a system

to:

authorize each one of said plurality of content repositories (Page 5 paragraph

[0055 – 0069] and Page 6 paragraph [0066 – 0077]);

incorporate each one of said plurality of content repositories into a hierarchical

namespace (Page 3 paragraph [0035], [0038] and [0041]);

extend a content model to include content from each one of said plurality of

content repositories (Page 3 paragraph [0031], [0035], and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of

services to enable its integration into the VCR (Page 4 paragraph [0048]).

Regarding Claim 50, Park teaches and describes a computer data signal

embodied in a transmission medium, comprising:

a code segment including instructions to authorize each one of said plurality of

content repositories (Page 5 paragraph [0055 – 0069] and Page 6 paragraph [0066 –

0077]);

a code segment including instructions to incorporate each one of said plurality of

content repositories into a hierarchical namespace (Page 3 paragraph [0035], [0038]

and [0041]);

a code segment including instructions to extend a content model to include

content from each one of said plurality of content repositories (Page 3 paragraph [0031],

[0035], and [0038]); and

wherein each one of said plurality of content repositories exposes a first set of

services to enable its integration into the VCR (Page 4 paragraph [0048]).

Claims 2, 13, 32, 42 and 52 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the credential information includes a username and a password (Page 4

paragraph [0049]).

Claims 3, 14, 33, 43 and 53 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the credential information is based on Java Authentication and Authorization

Service (JAAS) (Page 4 paragraph [0049] and Page 6 paragraph [0070]).

Claims 4, 15, 34, 44 and 54 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the first set of services accepts the credential information (Page 4 paragraph

[0049]).

Claims 5, 16, 35, 45 and 55 are rejected as applied above in rejecting claims 1,

11, 31, 41 and 51. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein:

the first set of services provides the authorization information (Page 4 paragraph

[0049] and Page 6 paragraph [0070]).

Claims 6, 17, 36, 37, 46 and 56 are rejected as applied above in rejecting claims

1, 11, 30, 40 and 50. Furthermore, Park teaches and describes a method for integrating

a plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page

1 paragraph [0011] – Page 20 paragraph [0077]), wherein:

each one of said plurality of content repositories exposes a second set of

services that is related to implementing a model of information in the content repository;

and wherein the model is compatible with a VCR content model (Page 5 paragraph

[0058 – 0060]).

Claim 7 is rejected as applied above in rejecting claim 1. Furthermore, Park

teaches and describes a method for integrating a plurality of content repositories into a

virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), further comprising:

providing a VCR content model; and wherein each one of said plurality of content

repositories exposes a second set of services related to extending the VCR content

model to include information in the content repository (Page 3 paragraph [0031], [0035], [0038] and Page 5 paragraph [0058 – 0061]).

Claim 8 is rejected as applied above in rejecting claim 1. Furthermore, Park teaches and describes a method for integrating a plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20 paragraph [0077]), wherein integrating into the VCR each one of said plurality of content repositories includes:

providing a hierarchical namespace spanning said plurality of content repositories (Page 3 paragraph [0035], [0038] and [0041]).

Claim 9 is rejected as applied above in rejecting claim 1. Furthermore, Park teaches and describes a method for integrating a plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph [0011] – Page 20 paragraph [0077]), wherein integrating into the VCR each one of said plurality of content repositories includes:

providing a content model related to representing content in each one of said plurality of content repositories. (Page 3 paragraph [0031], [0035], [0038] ; Page 4 paragraph [0048] and Page 5 paragraph [0058 – 0061]).

Claims 10, 18, 39, 47 and 57 are rejected as applied above in rejecting claims 1,

11, 38, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein integrating into the VCR each

one of said plurality of content repositories includes:

providing for mapping of requests on the VCR to one of said plurality of

repositories (Page 6 paragraph [0067 – 0077]).

Claims 12, 31, 41 and 51 are rejected as applied above in rejecting claims 11,

30, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein authorization comprises:

providing credential information to each of said plurality of content repositories

(Page 4 paragraph [0049] ; Page 5 paragraph [0058] and Page 6 paragraph [0070;]);

and

receiving authorization information from each of said plurality of content

repositories (Page 6 paragraphs [0068 – 0070] and Page 21 Claim 1 and 5 and Page

22 Claim 11).

Claims 19, 38, 48 and 58 are rejected as applied above in rejecting claims 11,

30, 40 and 50. Furthermore, Park teaches and describes a method for integrating a

plurality of content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1

paragraph [0011] – Page 20 paragraph [0077]), wherein incorporating each one of said

plurality of content repositories into the hierarchical namespace comprises:

1) a first identifier that uniquely identifies the content within one of said plurality

of content repositories (Page 6 paragraph [0071 – 0077]);

2) a second identifier that uniquely identifies the content within the namespace

(Page 3 paragraph [0038 – 0041] and Page 6 paragraph [0071 – 0077]);

Claims 20, 49 and 59 are rejected as applied above in rejecting claims 19, 48

and 58. Furthermore, Park teaches and describes a method for integrating a plurality of

content repositories into a virtual content repository (VCR) (Fig.1 – 7; Page 1 paragraph

[0011] – Page 20 paragraph [0077]), further comprising:

providing for mapping of requests on content to one of said plurality of

repositories (Page 6 paragraph [0067 – 0077]); and wherein the mapping is based on at

lest one of:

1) the first identifier associated with the content (Page 6 paragraph [0071 –

0077]); and

2) the second identifier associated with the content (Page 6 paragraph [0071 –

0077]).

Claim 22 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

the second identifier is a path (Page 6 paragraph [0074 and 0077]).

Claim 23 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

the VCR represents said plurality of content repositories as a single repository

(Page 3 paragraph [0041]).

Claim 24 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one node is associated with at least one property (Page 6 paragraph

[0074].

Claim 29 is rejected as applied above in rejecting claim 21. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one node can be hierarchically related to other nodes in the VCR

(Page 3 paragraph [0041]).

Claim 25 is rejected as applied above in rejecting claim 24. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

a property is an association between a name and at least one value (Page 6

paragraph [0074]).

Claim 26 is rejected as applied above in rejecting claim 24. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

said at least one property is associated with at least one property definition (Page

6 paragraph [0074]).

Claim 27 is rejected as applied above in rejecting claim 26. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

a property definition can specify for a property at least one of the following

attributes:

property choices;

a reference;

a data type;

whether the property is mandatory;

whether the property is multi-valued;

whether the property is primary;

whether the property is read-only; and

whether the property is restricted

(Page 6 paragraph [0074]).

Claim 28 is rejected as applied above in rejecting claim 26. Furthermore, Park

teaches and describes a method of organizing content stored in a plurality of content

repositories into a virtual content repository namespace wherein said content is

represented by at least one node (Fig.1 – 7; Page 1 paragraph [0011] – Page 20

paragraph [0077]), wherein:

there is one property definition for each property associated with said at least one

node (Page 6 paragraph [0074]).

Conclusion

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks, Washington, D.C. 20231 **or**

faxed to: (703) 872-9306 for all formal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal

Drive, Arlington, VA, Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Pramila Parthasarathy whose telephone number is 703-

305-8912. The examiner can normally be reached on 8:00a.m. To 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-305-

3900.

Pramila Parthasarathy
Patent Examiner
703-305-8912
August 16, 2004

AYAZ SHEIKH
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